

Official

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
Washington, D.C. 20231

7/8/03

**POWER OF ATTORNEY (REVOCATION OF PRIOR POWERS) AND
PROSECUTION BY ASSIGNEE UNDER 37 C.F.R. § 3.71**

Sir:

Oracle International Corporation, a California Corporation having a place of business at 500 Oracle Parkway, Redwood Shores, California 94065, certifies that to the best of its knowledge and belief it is the assignee or is entitled to ownership of the entire right, title, and interest in and to the pending applications listed on the attached Schedule A by virtue of previously recorded Assignments assigning interest in and to the issued patents and provisional and non-provisional pending applications from the inventor(s) to Oracle Corporation, and an Assignment filed concurrently herewith in which Oracle Corporation assigns interest in and to the issued patents and provisional and non-provisional pending applications to Oracle International Corporation. Oracle International Corporation represents that the undersigned is a representative authorized and empowered to sign on its behalf, which hereby revokes all powers of attorney previously given and appoints the following attorney(s) and/or agent(s) identified by:

Customer Number 23639



23639

PATENT TRADEMARK OFFICE

and

Sanjay Prasad, Reg. No. 36,247; Roger Kennedy, Reg. No. 44,823; Carl L. Brandt, Reg. No. 44,555; and Gabriela Burtz, Reg. No. 50,246 of ORACLE INTERNATIONAL CORPORATION

with full powers of substitution and revocation, to prosecute this application and transact all matters in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-

identified application, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

Correspondence Address

Please change the correspondence address for the pending applications listed on the attached Schedule A to customer number 23639, and direct all written communications relative to such applications to:

Peter C. Mei
Bingham McCutchen LLP
Three Embarcadero Center, Suite 1800
San Francisco, CA 94111-4067

Please direct all telephone communications to Peter C. Mei at (650) 849-4870.

Assignee of Interest:

Oracle International Corporation

Dated: 3/3/2003

By: 

Name: Roger Kennedy

Title: Patent Counsel

Address of Assignee of Interest:

Oracle International Corporation
500 Oracle Parkway
Redwood Shores, CA 94065

SCHEDULE A

| Serial No. | Filing Date | Attorney Docket No. | Client Reference No. |
|------------|-------------|---------------------|----------------------|
| 08/891,301 | 07/10/97 | 224/183 | OID-1997-02-02 |
| 09/178,387 | 10/23/98 | 235/254 | OID-1997-70-02 |
| 09/206,778 | 12/07/98 | 235/256 | OID-1998-09-01 |
| 09/207,160 | 12/07/98 | 235/257 | OID-1998-09-02 |
| 09/223,660 | 12/30/98 | 237/117 | OID-1998-18-01 |
| 09/265,489 | 03/09/99 | 237/116 | OID-1998-15-01 |
| 09/288,939 | 04/09/99 | 237/041 | OID-1998-19-01 |
| 09/303,815 | 04/30/99 | 237/036 | OID-1998-20-01 |
| 09/342,312 | 06/29/99 | 240/079 | OID-1999-10-01 |
| 09/429,265 | 10/29/99 | 242/197 | OID-1999-032-01 |
| 09/476,141 | 01/03/00 | 241/288 | OID-1999-67-01 |
| 09/477,023 | 01/03/00 | 241/122 | OID-1999-045-01 |
| 09/515,674 | 02/29/00 | 242/199 | OID-1999-69-01 |
| 09/515,680 | 02/29/00 | 235/258 | OID-1998-09-03 |
| 09/524,628 | 03/14/00 | 250/003 | OID-1999-119-01 |
| 09/592,211 | 06/10/00 | 254/157 | OID-1999-155-01 |
| 09/614,427 | 07/12/00 | 250/271 | OID-2000-05-02 |
| 09/770,358 | 01/25/01 | 256/295 | OID-2000-113-01 |
| 09/773,963 | 01/31/01 | 249/269 | OID-1999-145-01 |
| 09/775,085 | 01/31/01 | 249/268 | OID-1999-144-01 |

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|------------|-------------|---------------------|----------------------|
| 09/775,234 | 01/31/01 | 249/267 | OID-1999-143-01 |
| 09/778,235 | 02/06/01 | 260/207 | OID-1998-09-01-CON |
| 09/792,484 | 02/23/01 | 254/082 | OID-2000-029-01 |
| 09/795,904 | 02/27/01 | 247/293 | OID-1999-125-01 |
| 09/796,001 | 02/27/01 | 247/295 | OID-1999-126-01 |
| 09/872,565 | 05/31/01 | 259/212 | OID-2000-177-01 |
| 09/872,588 | 05/31/01 | 259/213 | OID-2000-178-01 |
| 09/872,589 | 05/31/01 | 262/118 | OID-2001-047-01 |
| 09/872,590 | 05/31/01 | 260/012 | OID-2000-204-01 |
| 09/872,647 | 05/31/01 | 254/254 | OID-2000-031-01 |
| 09/872,670 | 05/31/01 | 263/243 | OID-2001-081-01 |
| 09/872,887 | 05/31/01 | 260/199 | OID-2000-199-01 |
| 09/872,891 | 05/31/01 | 256/145 | OID-2000-107-01 |
| 09/873,130 | 05/31/01 | 257/075 | OID-2001-125-01 |
| 09/873,131 | 05/31/01 | 257/061 | OID-2000-120-01 |
| 09/872,407 | 06/01/01 | 259/043 | OID-2000-175-01 |
| 09/938,982 | 08/24/01 | 257/062 | OID-2000-124-01 |
| 09/938,999 | 08/24/01 | 264/283 | OID-2001-107-01 |
| 09/939,308 | 08/24/01 | 259/177 | OID-2000-106-01 |
| 09/939,311 | 08/24/01 | 258/257 | OID-2000-172-01 |

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|------------|-------------|---------------------|----------------------|
| 09/953,490 | 09/10/01 | 261/171 | OID-1999-148-01 |
| 09/967,068 | 09/27/01 | 266/202 | OID-2001-178-01 |
| 09/967,441 | 09/27/01 | 264/211 | OID-2001-116-01 |
| 09/967,458 | 09/27/01 | 260/076 | OID-2000-188-01 |
| 09/967,459 | 09/27/01 | 266/203 | OID-2001-179-01 |
| 09/974,085 | 10/09/01 | 264/265 | OID-2001-103-01 |
| 10/008,347 | 11/09/01 | 269/049 | OID-1997-70-03-DIV |
| 10/040,031 | 12/31/01 | 268/291 | OID-2001-220-01 |
| 10/056,981 | 01/23/02 | 271/093 | OID-1998-21-01-CON |
| 10/071,260 | 02/07/02 | 268/292 | OID-2001-221-01 |
| 10/082,939 | 02/25/02 | 269/027 | OID-2001-233-01 |
| 10/082,941 | 02/25/02 | 271/283 | OID-2001-233-02 |
| 10/084,880 | 02/27/02 | 255/221 | OID-2000-083-01 |
| 10/084,881 | 02/27/02 | 255/220 | OID-2000-086-01 |
| 10/086,103 | 02/27/02 | 270/074 | OID-2000-085-01 |
| 10/086,277 | 02/28/02 | 264/237 | OID-2001-046-01 |
| 10/096,008 | 03/11/02 | 272/115 | OID-1998-31-01-CON |
| 10/124,310 | 04/16/02 | 272/304 | OID-1997-70-01-DIV |
| 10/133,612 | 04/25/02 | 273/002 | OID-1999-046-01-CON |
| 10/137,102 | 05/01/02 | 268/230 | OID-2001-196-01 |
| 10/137,235 | 04/30/02 | 268/231 | OID-2001-200-01 |

| Serial No. | Filing Date | Attorney Docket No. | Client Reference No. |
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| 10/139,864 | 05/06/02 | 267/106 | OID-2001-166-01 |
| 10/141,485 | 05/07/02 | 268/294 | OID-2001-223-01 |
| 10/141,583 | 05/07/02 | 268/293 | OID-2001-222-01 |
| 10/144,083 | 05/10/02 | 265/052 | OID-2001-135-01 |
| 10/144,246 | 05/10/02 | 266/290 | OID-2001-168-01 |
| 10/144,330 | 05/10/02 | 266/288 | OID-2001-163-01 |
| 10/144,382 | 05/10/02 | 266/287 | OID-2001-162-01 |
| 10/144,665 | 05/10/02 | 263/300 | OID-2001-073-01 |
| 10/144,666 | 05/10/02 | 263/299 | OID-2001-071-01 |
| 10/144,668 | 05/10/02 | 267/104 | OID-2001-171-01 |
| 10/144,680 | 05/10/02 | 267/079 | OID-2001-206-01 |
| 10/144,681 | 05/10/02 | 264/238 | OID-2001-048-01 |
| 10/144,688 | 05/10/02 | 266/289 | OID-2001-164-01 |
| 10/144,689 | 05/10/02 | 272/286 | OID-2002-052-01 |
| 10/152,972 | 05/21/02 | 268/290 | OID-2001-216-01 |
| 10/155,276 | 05/24/02 | 261/014 | OID-2001-025-01 |
| 10/159,360 | 05/29/02 | 272/079 | OID-2002-022-01 |
| 10/201,710 | 07/22/02 | 267/127 | OID-2001-114-01 |
| 10/208,120 | 07/29/02 | 270/151 | OID-2001-242-01 |
| 10/208,129 | 07/29/02 | 270/150 | OID-2001-241-01 |
| 10/209,612 | 07/29/02 | 271/091 | OID-2001-249-01 |
| 10/245,118 | 09/16/02 | 273/255 | OID-2002-097-01 |

| Serial No. | Filing Date | Attorney Docket No. | Client Reference No. |
|------------|----------------|------------------------|----------------------|
| 10/245,602 | 09/16/02 | 270/085 | OID-2001-246-01 |
| 10/246,964 | 09/18/02 | 266/140 | OID-2001-134-01 |
| 10/255,553 | 09/25/02 | 271/195 | OID-2001-209-01 |
| 10/259,369 | 09/27/02 | 269/149 | OID-2001-205-01 |
| 10/349,762 | 01/22/03 | 271/195 | OID-2001-209-01-CON |

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT ASSIGNMENT

WHEREAS, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, **Oracle Corporation**, a corporation of Delaware, with a place of business at 500 Oracle Parkway, Redwood Shores, California 94065, hereinafter referred to as "Assignor," has sold, assigned, transferred and set over, unto **Oracle International Corporation (OIC)**, a corporation of California, with a place of business at 500 Oracle Parkway, Redwood Shores, California 94065, hereinafter referred to as "Assignee," its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to, and under the pending applications listed on the attached Schedule A, as well as any divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for inventions embodied by said pending applications in any country or countries foreign to the United States, and all Letters Patent which may be granted for said inventions embodied by said pending applications in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of said pending applications in the United States which are created by any law, treaty or international convention; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty is to issue patents on any such applications as aforesaid, to issue all Letters Patent for said inventions to **Oracle International Corporation**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND Assignor does hereby covenant that it had full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

AND Assignor does further hereby covenant and agree that it will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to it respecting said pending applications, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything reasonably necessary to aid said Assignee, its successors, legal representatives and assigns, to obtain and enforce any attendant rights in all countries.

IN WITNESS WHEREOF, Oracle Corporation has caused this instrument to be signed by a duly authorized corporate officer and its corporate seal to be affixed, as of this 21st day of February, 2003.

Oracle Corporation

By: *Daniel Cooperman*

Name: Daniel Cooperman

Title: Senior Vice President and General Counsel

SCHEDULE A

| No. | Serial Number | Filing Date | Title | Attorney Docket Number | Client Reference Number |
|-----|---------------|-------------|---|------------------------|-------------------------|
| 1 | 08/891,301 | 07/10/97 | DATA COMMUNICATION PROTOCOLS FOR A MOBILE-BASED CLIENT-SERVER SYSTEM OVER A WIRELESS NETWORK | 224/183 | OID-1997-02-02 |
| 2 | 09/178,387 | 10/23/98 | METHOD AND SYSTEM FOR MANAGING STORAGE SYSTEMS CONTAINING REDUNDANCY DATA | 235/254 | OID-1997-70-02 |
| 3 | 09/206,778 | 12/07/98 | METHOD AND SYSTEM FOR REPRESENTING AND ACCESSING OBJECT-ORIENTED DATA IN A RELATIONAL DATABASE SYSTEM | 235/256 | OID-1998-09-01 |
| 4 | 09/207,160 | 12/07/98 | SYSTEM AND METHOD FOR GENERATING A DATABASE QUERY LANGUAGE STATEMENT | 235/257 | OID-1998-09-02 |
| 5 | 09/223,660 | 12/30/98 | METHOD AND SYSTEM FOR DIAGNOSTIC PRESERVATION OF THE STATE OF A COMPUTER SYSTEM | 237/117 | OID-1998-18-01 |
| 6 | 09/265,489 | 03/09/99 | METHOD AND SYSTEM FOR RELIABLE ACCESS OF MESSAGES BY MULTIPLE CONSUMERS | 237/116 | OID-1998-15-01 |
| 7 | 09/288,939 | 04/09/99 | TAB MENU | 237/041 | OID-1998-19-01 |
| 8 | 09/303,815 | 04/30/99 | METHOD AND MECHANISM FOR PROFILING A SYSTEM | 237/036 | OID-1998-20-01 |
| 9 | 09/342,312 | 06/29/99 | METHOD AND APPARATUS FOR ENABLING DATABASE PRIVILEGES | 240/079 | OID-1999-10-01 |
| 10 | 09/429,265 | 10/29/99 | METHOD AND MECHANISM FOR PROVIDING EXTERNAL PROCEDURES TO A DATABASE SYSTEM | 242/197 | OID-1999-032-01 |
| 11 | 09/476,141 | 01/03/00 | METHOD AND MECHANISM FOR IMPLEMENTING AND ACCESSING VIRTUAL DATABASE TABLE STRUCTURES | 241/288 | OID-1999-67-01 |
| 12 | 09/477,023 | 01/03/00 | METHOD AND MECHANISM FOR RELATIONAL ACCESS OF RECOVERY LOGS IN A DATABASE SYSTEM | 241/122 | OID-1999-045-01 |

| No. | Serial Number | Filing Date | Title | Attorney Docket Number | Client Reference Number |
|-----|---------------|-------------|---|------------------------|-------------------------|
| 13 | 09/515,674 | 02/29/00 | METHOD AND MECHANISM FOR REDUCING CLIENT-SIDE MEMORY FOOTPRINT OF TRANSMITTED DATA | 242/199 | OID-1999-69-01 |
| 14 | 09/515,680 | 02/29/00 | METHOD AND SYSTEM FOR DATA REPLICATION | 235/258 | OID-1998-09-03 |
| 15 | 09/524,628 | 03/14/00 | METHOD AND MECHANISM FOR DATA CONSOLIDATION | 250/003 | OID-1999-119-01 |
| 16 | 09/592,211 | 06/10/00 | RELATIVE TABS | 254/157 | OID-1999-155-01 |
| 17 | 09/614,427 | 07/12/00 | VARIANCE REDUCTION TECHNIQUE FOR LARGE SCALE RISK MANAGEMENT | 250/271 | OID-2000-05-02 |
| 18 | 09/770,358 | 01/25/01 | METHOD FOR CONDITIONALLY UPDATING OR INSERTING A ROW INTO A TABLE | 256/295 | OID-2000-113-01 |
| 19 | 09/773,963 | 01/31/01 | METHOD AND MECHANISM FOR DEPENDENCY TRACKING FOR REFERENTIAL INTEGRITY CONSTRAINTS | 249/269 | OID-1999-145-01 |
| 20 | 09/775,085 | 01/31/01 | METHOD AND MECHANISM FOR DEPENDENCY TRACKING FOR UNIQUE CONSTRAINTS | 249/268 | OID-1999-144-01 |
| 21 | 09/775,234 | 01/31/01 | METHOD AND MECHANISM FOR DEPENDENCY TRACKING | 249/267 | OID-1999-143-01 |
| 22 | 09/778,235 | 02/06/01 | METHOD AND SYSTEM FOR REPRESENTING AND ACCESSING OBJECT-ORIENTED DATA IN A RELATIONAL DATABASE SYSTEM | 260/207 | OID-1998-09-01-CON |
| 23 | 09/792,484 | 02/23/01 | METHOD AND SYSTEM FOR OBJECT LINKING | 254/082 | OID-2000-029-01 |
| 24 | 09/795,904 | 02/27/01 | METHOD AND MECHANISM FOR PARTITION PRUNING | 247/293 | OID-1999-125-01 |
| 25 | 09/796,001 | 02/27/01 | METHOD AND MECHANISM FOR DATABASE PARTITIONING | 247/295 | OID-1999-126-01 |
| 26 | 09/872,565 | 05/31/01 | METHOD AND SYSTEM FOR SAMPLE SIZE DETERMINATION FOR DATABASE OPTIMIZERS | 259/212 | OID-2000-177-01 |

| No. | Serial Number | Filing Date | Title | Attorney Docket Number | Client Reference Number |
|-----|---------------|-------------|---|------------------------|-------------------------|
| 27 | 09/872,588 | 05/31/01 | METHOD AND SYSTEM FOR HISTOGRAM DETERMINATION IN A DATABASE | 259/213 | OID-2000-178-01 |
| 28 | 09/872,589 | 05/31/01 | METHOD AND SYSTEM FOR PAGE PREFABRICATION | 262/118 | OID-2001-047-01 |
| 29 | 09/872,590 | 05/31/01 | METHOD AND MECHANISM FOR USING A META-LANGUAGE TO DEFINE AND ANALYZE TRACES | 260/012 | OID-2000-204-01 |
| 30 | 09/872,647 | 05/31/01 | METHOD AND MECHANISM FOR DIAGNOSING COMPUTER APPLICATIONS USING TRACES | 254/254 | OID-2000-031-01 |
| 31 | 09/872,670 | 05/31/01 | METHOD AND SYSTEM FOR IMPROVING RESPONSE TIME OF A QUERY FOR A PARTITIONED DATABASE OBJECT | 263/243 | OID-2001-081-01 |
| 32 | 09/872,887 | 05/31/01 | METHOD AND SYSTEM FOR EFFICIENTLY EVALUATING A QUERY AGAINST PARTITIONED DATA | 260/199 | OID-2000-199-01 |
| 33 | 09/872,891 | 05/31/01 | METHOD AND MECHANISM FOR PREDICTING DATA CONFLICTS AND GENERATING A LOAD DISTRIBUTION PLAN IN A MULTI-NODE SYSTEM | 256/145 | OID-2000-107-01 |
| 34 | 09/873,130 | 05/31/01 | STORAGE ACCESS KEYS | 257/075 | OID-2001-125-01 |
| 35 | 09/873,131 | 05/31/01 | METHODS FOR PARALLEL INSERTION OF DATA IN DATA STORAGE SYSTEMS | 257/061 | OID-2000-120-01 |
| 36 | 09/872,407 | 06/01/01 | BLOCK CORRUPTION ANALYSIS AND FIXING TOOL | 259/043 | OID-2000-175-01 |
| 37 | 09/938,982 | 08/24/01 | METHOD AND SYSTEM FOR PIPELINED DATABASE TABLE FUNCTIONS | 257/062 | OID-2000-124-01 |
| 38 | 09/938,999 | 08/24/01 | METHOD AND MECHANISM FOR STORING AND MANAGING SELF-DESCRIPTIVE HETEROGENEOUS DATA | 264/283 | OID-2001-107-01 |
| 39 | 09/939,308 | 08/24/01 | DATA WAREHOUSE FOR STORING DISPARATE DATA WITH COMPATIBLE DIMENSIONS | 259/177 | OID-2000-106-01 |
| 40 | 09/939,311 | 08/24/01 | METHOD AND SYSTEM FOR PARALLEL EXECUTION OF TABLE FUNCTIONS | 258/257 | OID-2000-172-01 |

| No. | Serial Number | Filing Date | Title | Attorney Docket Number | Client Reference Number |
|-----|---------------|-------------|---|------------------------|-------------------------|
| 41 | 09/953,490 | 09/10/01 | METHOD AND APPARATUS FOR EFFICIENT SQL PROCESSING IN AN N-TIER ARCHITECTURE | 261/171 | OID-1999-148-01 |
| 42 | 09/967,068 | 09/27/01 | METHODS FOR SELECTIVELY QUIESCING A COMPUTER SYSTEM | 266/202 | OID-2001-178-01 |
| 43 | 09/967,441 | 09/27/01 | METHODS FOR AUTOMATIC GROUP SWITCHING ACCORDING TO A RESOURCE PLAN | 264/211 | OID-2001-116-01 |
| 44 | 09/967,458 | 09/27/01 | SYSTEMS AND METHODS FOR USING OPERATION EXECUTION TIME ESTIMATES | 260/076 | OID-2000-188-01 |
| 45 | 09/967,459 | 09/27/01 | METHODS FOR SCHEDULING COMPUTER SYSTEM RESOURCES | 266/203 | OID-2001-179-01 |
| 46 | 09/974,085 | 10/09/01 | METHOD AND SYSTEM FOR MANAGEMENT OF ACCESS INFORMATION | 264/265 | OID-2001-103-01 |
| 47 | 10/008,347 | 11/09/01 | METHOD AND APPARATUS FOR MANAGING DATA ACCESS AND STORAGE OF DATA LOCATED ON MULTIPLE STORAGE DEVICES | 269/049 | OID-1997-70-03-DIV |
| 48 | 10/040,031 | 12/31/01 | METHODS AND SYSTEM FOR PORTAL WEB SITE GENERATION | 268/291 | OID-2001-220-01 |
| 49 | 10/056,981 | 01/23/02 | METHOD AND MECHANISM FOR SIZING A SYSTEM | 271/093 | OID-1998-21-01-CON |
| 50 | 10/071,260 | 02/07/02 | METHOD AND SYSTEM FOR DISTRIBUTED FORMULA MANAGEMENT | 268/292 | OID-2001-221-01 |
| 51 | 10/082,939 | 02/25/02 | METHOD AND MECHANISM FOR A PORTAL WEBSITE ARCHITECTURE | 269/027 | OID-2001-233-01 |
| 52 | 10/082,941 | 02/25/02 | METHOD AND MECHANISM FOR A WEB BASED KNOWLEDGE MANAGEMENT TOOL | 271/283 | OID-2001-233-02 |
| 53 | 10/084,880 | 02/27/02 | METHOD AND SYSTEM FOR MANAGEMENT OF ACCESS INFORMATION | 255/221 | OID-2000-083-01 |
| 54 | 10/084,881 | 02/27/02 | METHOD AND SYSTEM FOR IMPLEMENTING CURRENT USER LINKS | 255/220 | OID-2000-086-01 |

| No. | Serial Number | Filing Date | Title | Attorney Docket Number | Client Reference Number |
|-----|---------------|-------------|---|------------------------|-------------------------|
| 55 | 10/086,103 | 02/27/02 | METHOD AND SYSTEM FOR IMPLEMENTING SHARED SCHEMAS FOR USERS IN A DISTRIBUTED COMPUTER SYSTEM | 270/074 | OID-2000-085-01 |
| 56 | 10/086,277 | 02/28/02 | SYSTEMS AND METHODS FOR SHARING OF EXECUTION PLANS FOR SIMILAR DATABASE STATEMENTS | 264/237 | OID-2001-046-01 |
| 57 | 10/096,008 | 03/11/02 | METHOD AND MECHANISM FOR EXTENDING NATIVE OPTIMIZATION IN A DATABASE SYSTEM | 272/115 | OID-1998-31-01-CON |
| 58 | 10/124,310 | 04/16/02 | METHOD AND SYSTEM FOR MANAGING STORAGE SYSTEMS CONTAINING MULTIPLE DATA STORAGE DEVICES | 272/304 | OID-1997-70-01-DIV |
| 59 | 10/133,612 | 04/25/02 | METHOD AND MECHANISM FOR DURATION-BASED MANAGEMENT OF TEMPORARY LOBS | 273/002 | OID-1999-046-01-CON |
| 60 | 10/137,102 | 05/01/02 | SYSTEMS AND METHODS FOR INCREASING ALLOWABLE JOIN ORDERS IN QUERY OPTIMIZATION | 268/230 | OID-2001-196-01 |
| 61 | 10/137,235 | 04/30/02 | SYSTEMS AND METHODS OF OPTIMIZING DATABASE QUERIES FOR EFFICIENT DELIVERY OF QUERY DATA SUBSETS | 268/231 | OID-2001-200-01 |
| 62 | 10/139,864 | 05/06/02 | QUERY OPTIMIZER COST MODEL | 267/106 | OID-2001-166-01 |
| 63 | 10/141,485 | 05/07/02 | METHOD AND MECHANISM FOR A PORTAL WEBSITE ARCHITECTURE | 268/294 | OID-2001-223-01 |
| 64 | 10/141,583 | 05/07/02 | METHOD AND MECHANISM FOR A PORTAL WEBSITE ARCHITECTURE | 268/293 | OID-2001-222-01 |
| 65 | 10/144,083 | 05/10/02 | METHOD AND MECHANISM FOR PIPELINED PREFETCHING | 265/052 | OID-2001-135-01 |
| 66 | 10/144,246 | 05/10/02 | METHOD AND SYSTEM FOR RELIABLE DE-ALLOCATING RESOURCES IN A NETWORKED COMPUTING ENVIRONMENT | 266/290 | OID-2001-168-01 |
| 67 | 10/144,330 | 05/10/02 | METHOD AND MECHANISM FOR DYNAMICALLY CONFIGURING LOGICAL PATHS OF STATE MACHINES | 266/288 | OID-2001-163-01 |

| No. | Serial Number | Filing Date | Title | Attorney Docket Number | Client Reference Number |
|-----|---------------|-------------|---|------------------------|-------------------------|
| 68 | 10/144,382 | 05/10/02 | METHOD AND MECHANISM FOR EFFICIENT PROCESSING OF REMOTE-MAPPED QUERIES | 266/287 | OID-2001-162-01 |
| 69 | 10/144,665 | 05/10/02 | METHOD AND SYSTEM FOR SCROLLABLE CURSORS | 263/300 | OID-2001-073-01 |
| 70 | 10/144,666 | 05/10/02 | METHOD AND MECHANISM FOR REDUCING CLIENT-SIDE MEMORY FOOTPRINT OF DATA FOR SCROLLABLE CURSORS | 263/299 | OID-2001-071-01 |
| 71 | 10/144,668 | 05/10/02 | METHOD AND MECHANISM FOR IMPLEMENTING SYNONYM-BASED ACCESS CONTROL | 267/104 | OID-2001-171-01 |
| 72 | 10/144,680 | 05/10/02 | METHOD AND SYSTEM FOR IMPLEMENTING FAILOVER FOR DATABASE CURSORS | 267/079 | OID-2001-206-01 |
| 73 | 10/144,681 | 05/10/02 | METHODS AND SYSTEMS FOR DATABASE STATEMENT EXECUTION PLAN OPTIMIZATION | 264/238 | OID-2001-048-01 |
| 74 | 10/144,688 | 05/10/02 | METHOD AND MECHANISM FOR IMPLEMENTING AN ACCESS INTERFACE INFRASTRUCTURE | 266/289 | OID-2001-164-01 |
| 75 | 10/144,689 | 05/10/02 | METHOD AND MECHANISM FOR STORING AND ACCESSING DATA | 272/286 | OID-2002-052-01 |
| 76 | 10/152,972 | 05/21/02 | METHOD AND MECHANISM FOR MANAGING WEB CONTENT THROUGH A WEB BROWSER | 268/290 | OID-2001-216-01 |
| 77 | 10/155,276 | 05/24/02 | METHOD AND SYSTEM FOR IMPLEMENTING VARIABLE SIZED EXTENTS | 261/014 | OID-2001-025-01 |
| 78 | 10/159,360 | 05/29/02 | SYSTEMS AND METHODS FOR MANAGING PARTITIONED INDEXES THAT ARE CREATED AND MAINTAINED BY USER-DEFINED INDEXING | 272/079 | OID-2002-022-01 |
| 79 | 10/201,710 | 07/22/02 | METHOD AND MECHANISM FOR PERSISTING ARBITRARY OBJECT GRAPHS IN DIRECTORY BASED SERVICES | 267/127 | OID-2001-114-01 |

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| 80 | 10/208,120 | 07/29/02 | METHOD AND MECHANISM FOR USING A META-LANGUAGE TO DEFINE AND ANALYZE TRACES | 270/151 | OID-2001-242-01 |
| 81 | 10/208,129 | 07/29/02 | METHOD AND MECHANISM FOR MANAGING TRACES WITHIN A COMPUTER SYSTEM | 270/150 | OID-2001-241-01 |
| 82 | 10/209,612 | 07/29/02 | METHOD AND MECHANISM FOR ANALYZING TRACE DATA USING A DATABASE MANAGEMENT SYSTEM | 271/091 | OID-2001-249-01 |
| 83 | 10/245,118 | 09/16/02 | METHOD AND MECHANISM FOR BATCH PROCESSING TRANSACTION LOGGING RECORDS | 273/255 | OID-2002-097-01 |
| 84 | 10/245,602 | 09/16/02 | METHOD AND MECHANISM FOR IMPLEMENTING IN-MEMORY TRANSACTION LOGGING RECORDS | 270/085 | OID-2001-246-01 |
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